

In Canada.—Prof. R. F. Stupart says:

The mean temperature of the month differed little from normal on Vancouver Island and the lower mainland of British Columbia, but on the upper mainland it ranged from 2° to 5° below. In Alberta and the western portions of Assiniboia and Saskatchewan it was about 4° below average, but east of this, near the western boundary of Manitoba, the departure from average became plus, and eastern Manitoba was from 3° to 4° above. All the remaining inhabited portions of Canada were also above, the greatest departures being from 5° to 6° in western and southern Ontario. At nearly all points in the Maritime Provinces the difference from normal was about 2°.

PRECIPITATION.

Precipitation was above normal in the majority of States and districts for the first time in many months. The rains on the Pacific coast were abundant and fairly well distributed, and the general outlook from an agricultural standpoint is very much improved.

There was an abundance of rain for the season in western and southwestern Texas, Oklahoma, western Kansas, northern Wisconsin, and elsewhere.

The most notable deficits occurred over a strip of country extending northeastward from the mouth of the Mississippi River to New England, the continuity of which was broken only in Tennessee, where the rains were seasonable.

SNOWFALL.

The snowfall of the month was confined principally to the upper Missouri Valley and the Rocky Mountain and Plateau regions. The snowfall on the Sierra Nevada at the crossing of the Central Pacific in California ranged from 2 to 3 feet. No snow fell in the Great Valley of California or along the immediate California coast. A very severe snowstorm occurred in western Montana, directly along the eastern foot hills, and extending from Augusta to the international boundary line. The storm was unexpectedly severe, and a number of sheep herders, probably as many as twelve, lost their lives before a place of shelter could be reached. The storm-swept area was about 20 miles wide and upward of 100 miles long. The depth of snowfall over this strip was from 30 to 40 inches, but on either side the amount was very much less.

The depth of snowfall during the month is graphically shown on Chart VIII, and the numerical values are given in Table II.

Average precipitation and departures from the normal.

Districts.	Number of stations.	Average.		Departure.	
		Current month.	Percentage of normal.	Current month.	Accumulated since Jan. 1.
		<i>Inches.</i>		<i>Inches.</i>	<i>Inches.</i>
New England	10	2.26	56	-1.8	-3.6
Middle Atlantic	12	2.50	76	-0.8	-2.3
South Atlantic	10	4.90	120	+0.8	-4.6
Florida Peninsula	7	7.91	161	+3.0	0.0
East Gulf	7	1.83	65	-1.0	-10.6
West Gulf	7	3.39	132	+0.6	-7.9
Ohio Valley and Tennessee	12	2.13	81	-0.5	-4.6
Lower Lake	8	2.23	71	-0.9	-6.0
Upper Lake	9	2.45	83	-0.5	-2.8
North Dakota	7	1.28	93	-0.1	-2.0
Upper Mississippi Valley	11	2.23	88	-0.3	+0.1
Missouri Valley	10	1.87	100	0.0	-5.1
Northern Slope	7	1.15	153	+0.4	-0.3
Middle Slope	6	2.83	213	+1.5	+2.9
Southern Slope	6	2.70	159	+1.0	+3.2
Southern Plateau	13	0.50	56	-0.4	-2.5
Middle Plateau	9	2.02	246	+1.2	+1.9
Northern Plateau	10	2.09	192	+1.0	+0.1
North Pacific	9	6.54	127	+1.4	+4.9
Middle Pacific	5	3.92	258	+2.4	+0.3
South Pacific	4	1.97	294	+1.3	-0.5

In Canada.—Professor Stupart says:

The conditions as regards precipitation, were not abnormal to any marked degree in any part of the Dominion. From the limited number of British Columbia reports yet received, it would appear that the average was somewhat exceeded in that Province; and in the North-

west Territories and Manitoba the total, while comparatively small in most localities, was yet in excess of the average, and in the Territories fell largely as snow. At Qu'Appelle, the station reporting the largest amount, it was wholly snow, and 24 inches fell between the 10th and 14th. In the Peninsula of Ontario, that is over the portion of the Province lying west of a line connecting Parry Sound and Belleville, the rainfall was considerably above average, and at some stations near Lakes Ontario and Erie nearly double the average, but in the more eastern and northern parts of the Province there was a deficiency, the rainfall averaging in the neighborhood of 2 inches. In Quebec and New Brunswick there was a very general deficiency, Montreal being the only station reporting an amount slightly greater than the average. In Nova Scotia and Prince Edward Island the fall was for the most part either equal to or in excess of the normal.

HAIL.

The following are the dates on which hail fell in the respective States:

Arizona, 11, 12. Colorado, 2, 3. Georgia, 19. Idaho, 11, Illinois, 14, 19. Indiana, 19, 27. Iowa, 11, 13, 14. Kansas, 14. Louisiana, 21. Michigan, 15, 22. Minnesota, 5, 14, 15, 24. Missouri, 19. Nebraska, 14, 15, 24. New Mexico, 2. North Carolina, 24, 29. Oregon, 10, 11, 12, 19, 24. Tennessee, 19. Texas, 19, 20, 31. Washington, 1, 10, 16, 19. Wisconsin, 14. Wyoming, 10, 14, 16.

SLEET.

The following are the dates on which sleet fell in the respective States:

Colorado, 9, 10, 12, 13, 16, 25, 31. Idaho, 14. Maine, 2. Michigan, 22. Minnesota, 16, 17. Montana, 9, 12, 20, 21, 22. New Hampshire, 20, 21. New Mexico, 31. North Dakota, 11, 12, 15, 16. Ohio, 22. Oregon, 12, 18. South Dakota, 14, 15. Vermont, 2. Wyoming, 14.

HUMIDITY.*Average relative humidity and departures from the normal.*

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
New England	80	+	Missouri Valley	83	+1
Middle Atlantic	80	+	Northern Slope	83	+10
South Atlantic	82	+	Middle Slope	83	0
Florida Peninsula	80	+	Southern Slope	83	0
East Gulf	74	+	Southern Plateau	83	-10
West Gulf	72	+	Middle Plateau	43	+
Ohio Valley and Tennessee	70	+	Northern Plateau	67	+
Lower Lake	75	+	North Pacific Coast	67	+
Upper Lake	80	+	Middle Pacific Coast	67	+
North Dakota	78	+	South Pacific Coast	70	+1
Upper Mississippi	70	+			

WIND.

The maximum wind velocity at each Weather Bureau station for a period of five minutes is given in Table I, which also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

Maximum wind velocities.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Block Island, R. I.	6	53	ne.	Havana, Cuba	24	51	ne.
Do.	31	57	ne.	Mount Tamalpais, Cal.	9	54	nw.
Cape Henry, Va.	6	58	nw.	Do.	10	71	nw.
Do.	80	66	ne.	Do.	18	50	nw.
Do.	31	72	ne.	Do.	19	61	se.
Charleston, S. C.	30	58	nw.	Do.	23	52	nw.
Chicago, Ill.	10	53	s.	New York, N. Y.	31	52	ne.
Fort Canby, Wash.	18	76	se.	Norfolk, Va.	31	50	ne.
Do.	19	78	se.				